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## Patent Abstracts of Japan

PUBLICATION NUMBER : 2001114310  
PUBLICATION DATE : 24-04-01

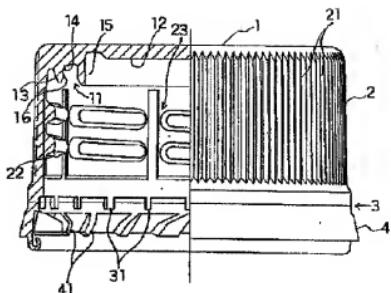
APPLICATION DATE : 28-06-00  
APPLICATION NUMBER : 2000194651

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INT.CL. : B65D 41/04 B65D 41/34

TITLE : PLASTIC CAP EXCELLENT IN  
OPENABILITY, CLOSABILITY AND  
HERMETICAL SEALING



ABSTRACT : PROBLEM TO BE SOLVED: To provide a plastic cap which is excellent in combined capacities including openability, closability and hermetical sealing.

SOLUTION: For a plastic cap which is characteristic of having excellent openability, closability and hermetical sealing while being integrally formed of a thermoplastic resin and equipped with a top part, a skirt part and a seal-up part formed at the inside of the top part for fitting to a mouth of a container, the surface at the inside of the top part including the seal-up part is made rough, and the surface roughness for the seal-up part is set in a range of 1 to 5  $\mu\text{m}$  (according to the maximum height  $R_{\text{max}}$  based on JIS B0601) while the surface roughness for the internal surface closer to the inside than the seal-up part is set at 5  $\mu\text{m}$  or more and becomes more rough than the surface roughness at the seal-up part.

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